GenCore version 5.1.6

M protein - protein search, using sw model

un on: February 10, 2004, 16:18:30 ; Search time 11.5063 Seconds
(without alignments)
731.761 Million cell updates/sec

itle: US-10-083-336A-5
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equence: 1 MIFPKQYPIINFTTAGATVQ.....ARFQYIEGEMRTRIRYNRRS 199

coring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

earched: 328717 seqs, 42310858 residues

otal number of hits satisfying chosen parameters: 328717

inimum DB seq length: 0
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ost-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

atabase : Issued_Patents_AA:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	1025	100.0	534	2	US-08-356-786-10	Sequence 10, Appl
3	1020	99.5	267	1	US-07-901-707-1	Sequence 1, Appli
4	1020	99.5	267	1	US-07-988-430-1	Sequence 1, Appli
5	1020	99.5	267	1	US-08-425-336-1	Sequence 1, Appli
6	1020	99.5	267	1	US-08-488-113B-1	Sequence 1, Appli
7	1020	99.5	267	1	US-08-477-484B-1	Sequence 1, Appli
8	1020	99.5	267	2	US-08-646-360-1	Sequence 1, Appli
9	1020	99.5	267	3	US-08-839-765-1	Sequence 1, Appli
10	1020	99.5	267	3	US-09-136-389-1	Sequence 1, Appli
11	1020	99.5	267	4	US-09-610-838-1	Sequence 1, Appli
12	1020	99.5	267	5	PCT-US92-09487-1	Sequence 1, Appli
13	1020	99.5	290	1	US-08-378-761A-27	Sequence 27, Appl
14	1020	99.5	290	1	US-08-485-286-27	Sequence 27, Appl
15	1020	99.5	290	6	5248606-4	Patent No. 5248606
16	1010	98.5	267	1	US-08-218-303-16	Sequence 16, Appl
17	1010	98.5	267	2	US-08-338-793D-61	Sequence 61, Appl
18	1010	98.5	267	4	US-09-538-873-1	Sequence 1, Appli
19	930.5	90.8	540	1	US-08-378-761A-77	Sequence 77, Appl
20	930.5	90.8	540	1	US-08-485-286-77	Sequence 77, Appl
21	342	33.4	247	1	US-08-488-113B-6	Sequence 6, Appli
22	342	33.4	247	1	US-08-477-484B-6	Sequence 6, Appli
23	342	33.4	247	2	US-08-646-360-6	Sequence 6, Appli
24	342	33.4	247	3	US-08-839-765-6	Sequence 6, Appli
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32	342	33.4	289	3	US-08-484-341-4	Sequence 4, Appli
33	342	33.4	289	3	US-08-483-502-4	Sequence 4, Appli
34	342	33.4	289	4	US-09-726-651A-4	Sequence 4, Appli
35	341.5	33.3	282	1	US-08-324-301-15	Sequence 15, Appl
36	329.5	32.1	250	1	US-08-378-761A-71	Sequence 71, Appl
37	329.5	32.1	289	1	US-08-485-286-71	Sequence 71, Appl
38	323.5	31.6	251	4	US-09-538-873-3	Sequence 3, Appli
39	312.5	30.5	255	1	US-07-901-707-6	Sequence 6, Appli
40	312.5	30.5	255	1	US-07-988-430-6	Sequence 6, Appli
41	312.5	30.5	255	1	US-08-425-336-6	Sequence 6, Appli
42	312.5	30.5	255	5	PCT-US92-09487-6	Sequence 6, Appli
43	312	30.4	248	3	US-08-902-486-7	Sequence 7, Appli
44	312	30.4	290	1	US-08-245-754A-2	Sequence 2, Appli
45	312	30.4	290	2	US-08-597-731-2	Sequence 2, Appli

ALIGNMENTS

RESULT 1
US-08-356-786-8
; Sequence 8, Application US/08356786
; Patent No. 5877305
; GENERAL INFORMATION:
; APPLICANT: Huston, James S.
; APPLICANT: Oppermann, Hermann
; APPLICANT: Houston, L. L.
; APPLICANT: Ring, David B.
; TITLE OF INVENTION: Biosynthetic Binding Protein for Cancer
; TITLE OF INVENTION: Marker
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Edmund R. Pitcher, Testa, Hurwitz, & Thibeault
; STREET: Exchange Place, 53 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/356,786
; FILING DATE:
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/831,967
; FILING DATE: 06-FEB-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; REGISTRATION NUMBER: 27,829
; REFERENCE/DOCKET NUMBER: CRP-053
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 268 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-356-786-8

Query Match 100.0%; Score 1025; DB 2; Length 268;
Best Local Similarity 100.0%; Pred. No. 6e-112;
Matches 199; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy        121 GGNYDRLEQLAGNLRENIELGNGPLEEAISALYYYSTGGTQLPTLARSFIICIQMISEAA 180
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Db        121 GGNYDRLEQLAGNLRENIELGNGPLEEAISALYYYSTGGTQLPTLARSFIICIQMISEAA 180

Qy        181 RFQYIEGEMRTRIRYNRRS 199
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RESULT 2
US-08-356-786-10
; Sequence 10, Application US/08356786
; Patent No. 5877305
; GENERAL INFORMATION:
; APPLICANT: Huston, James S.
; APPLICANT: Oppermann, Hermann
; APPLICANT: Houston, L. L.
; APPLICANT: Ring, David B.
; TITLE OF INVENTION: Biosynthetic Binding Protein for Cancer
; TITLE OF INVENTION: Marker
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Edmund R. Pitcher, Testa, Hurwitz, & Thibeault
; STREET: Exchange Place, 53 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/356,786
; FILING DATE:
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/831,967
; FILING DATE: 06-FEB-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; REGISTRATION NUMBER: 27,829
; REFERENCE/DOCKET NUMBER: CRP-053
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 534 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-356-786-10

Query Match 100.0%; Score 1025; DB 2; Length 534;
Best Local Similarity 100.0%; Pred. No. 1.7e-111;
Matches 199; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db        123 GGNYDRLEQLAGNLRENIELGNGPLEEAISALYYYSTGGTQLPTLARSFIICIQMISEAA 182

Qy        181 RFQYIEGEMRTRIRYNRRS 199
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Db        183 RFQYIEGEMRTRIRYNRRS 201
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RESULT 3
US-07-901-707-1
; Sequence 1, Application US/07901707
; Patent No. 5376546
; GENERAL INFORMATION:
; APPLICANT: Bernhard, Susan L.
; APPLICANT: Better, Marc D.
; APPLICANT: Carroll, Steve F.
; APPLICANT: Lane, Julie A.
; TITLE OF INVENTION: Materials Comprising and Methods of
; TITLE OF INVENTION: Composition and Use for Ribosome-Inactivating Proteins
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray &
; ADDRESSEE: Bicknell
; STREET: Two First National Plaza, 20 South Clark
; STREET: Street
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60603
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/901,707
; FILING DATE: 19920619
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/787,567
; FILING DATE: 04-NOV-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 5376546and, Greta E.
; REGISTRATION NUMBER: 35,302
; REFERENCE/DOCKET NUMBER: 27129/30910
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 346-5750
; TELEFAX: (312) 984-5750
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 267 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-07-901-707-1

Query Match 99.5%; Score 1020; DB 1; Length 267;
Best Local Similarity 100.0%; Pred. No. 2.3e-111;
Matches 198; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db        181 FQYIEGEMRTRIRYNRRS 198


RESULT 2
JS-10-282-935-1
; Sequence 1, Application US/10282935
; Publication No. US20030143193A1
; GENERAL INFORMATION:
;  APPLICANT: VITETTA, ELLEN S.
;  APPLICANT:  GHETIE, VICTOR F.
;  APPLICANT:  SMALLSHAW, JOAN
;  APPLICANT:  BALUNA, ROXANA G.
;  TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MODIFYING TOXIC EFFECTS OF
;  TITLE OF INVENTION:  PROTEINACEOUS COMPOUNDS
;  FILE REFERENCE: UTSD:884US
;  CURRENT APPLICATION NUMBER: US/10/282,935
;  CURRENT FILING DATE:  2002-10-29
;  PRIOR APPLICATION NUMBER: 09/538,873
;  PRIOR FILING DATE: 2000-03-30
;  PRIOR APPLICATION NUMBER: 60/126,826
;  PRIOR FILING DATE: 1999-03-30
;  NUMBER OF SEQ ID NOS: 23
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
;  LENGTH: 267
;  TYPE: PRT
;  ORGANISM: Artificial Sequence
;  FEATURE:
;  OTHER INFORMATION: Description of Artificial Sequence:  Synthetic
;  OTHER INFORMATION: Peptide
JS-10-282-935-1

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Qy        181 FQYIEGEMRTRIRYNRRS 198
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Db        181 FQYIEGEMRTRIRYNRRS 198


RESULT 3
US-10-440-796-1
; Sequence 1, Application US/10440796
; Publication No. US20040009148A1
; GENERAL INFORMATION:
;  APPLICANT: VITETTA, ELLEN S.
;  APPLICANT:  GHETIE, VICTOR F.
;  APPLICANT:  SMALLSHAW, JOAN
;  APPLICANT:  BALUNA, ROXANA G.
;  TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR AMELIORATING VASCULAR LEAK
;  TITLE OF INVENTION:  SYNDROME (VLS)
;  FILE REFERENCE: UTSD:603
;  CURRENT APPLICATION NUMBER: US/10/440,796
;  CURRENT FILING DATE:  2003-05-19
;  PRIOR APPLICATION NUMBER: US/09/538,873
;  PRIOR FILING DATE: 2000-03-30
;  PRIOR APPLICATION NUMBER: 60/126,826
;  PRIOR FILING DATE: 1999-03-30
;  NUMBER OF SEQ ID NOS: 19
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
;  LENGTH: 267
;  TYPE: PRT
;  ORGANISM: Artificial Sequence
;  FEATURE:
;  OTHER INFORMATION: Description of Artificial Sequence:  Synthetic
;  OTHER INFORMATION: Peptide
US-10-440-796-1

  Query Match             100.0%;  Score 1019;  DB 12;  Length 267;
  Best Local Similarity   100.0%;  Pred. No. 2.2e-108;
  Matches  198;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

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Db         61 ELSNHAELSVTLALDVTNAYVVGYRAGNSAYFFHPDNQEDAEAITHLFTDVQNRYTFAFG 120

Qy        121 GNYDRLEQLAGNLRENIELGNGPLEEAISALYYYSTGGTQLPTLARSFIICIQMISEAAR 180
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Db        121 GNYDRLEQLAGNLRENIELGNGPLEEAISALYYYSTGGTQLPTLARSFIICIQMISEAAR 180

Qy        181 FQYIEGEMRTRIRYNRRS 198
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Db        181 FQYIEGEMRTRIRYNRRS 198


RESULT 4
US-10-083-336A-3
; Sequence 3, Application US/10083336A
; Publication No. US20030181665A1
; GENERAL INFORMATION:
;  APPLICANT: Olson, Mark A
;  APPLICANT:  Millard, Charles B
;  APPLICANT:  Byrne, Michael P
;  APPLICANT:  Wannemacher, Robert W
;  TITLE OF INVENTION: Ricin Vaccine and Methods of Making and Using Thereof
;  FILE REFERENCE: P67452US0 (RIID 01-58)
;  CURRENT APPLICATION NUMBER: US/10/083,336A
;  CURRENT FILING DATE:  2002-05-21
;  NUMBER OF SEQ ID NOS: 15
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
;  LENGTH: 198
;  TYPE: PRT
;  ORGANISM: Ricinus communis
US-10-083-336A-3

  Query Match             99.1%;  Score 1010;  DB 12;  Length 198;
  Best Local Similarity   100.0%;  Pred. No. 1.5e-107;
  Matches  196;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          3 PKQYPIINFTTAGATVQSYTNFIRAVRGRLTTGADVRHEIPVLPNRVGLPINQRFILVEL 62
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Qy        123 YDRLEQLAGNLRENIELGNGPLEEAISALYYYSTGGTQLPTLARSFIICIQMISEAARFQ 182
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Qy        183 YIEGEMRTRIRYNRRS 198
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Db        183 YIEGEMRTRIRYNRRS 198
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GenCore version 5.1.6

4 protein - protein search, using sw model

on: February 10, 2004, 16:18:30 ; Search time 11.5641 Seconds
(without alignments)
731.761 Million cell updates/sec

itle: US-10-083-336A-10
erfect score: 1029
equence: 1 MIPPKQYPIINFTTAGATVQ.....RFQYIEGEMRTRIRYNRRSA 200

coring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

earched: 328717 seqs, 42310858 residues

otal number of hits satisfying chosen parameters: 328717

inimum DB seq length: 0
aximum DB seq length: 2000000000

ost-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

atabase : Issued_Patents_AA:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

esult No.	Score	% Query Match	Length	DB	ID	Description
1	1029	100.0	268	2	US-08-356-786-8	Sequence 8, Appli
2	1029	100.0	534	2	US-08-356-786-10	Sequence 10, Appl
3	1024	99.5	267	1	US-07-901-707-1	Sequence 1, Appli
4	1024	99.5	267	1	US-07-988-430-1	Sequence 1, Appli
5	1024	99.5	267	1	US-08-425-336-1	Sequence 1, Appli
6	1024	99.5	267	1	US-08-488-113B-1	Sequence 1, Appli
7	1024	99.5	267	1	US-08-477-484B-1	Sequence 1, Appli
8	1024	99.5	267	2	US-08-646-360-1	Sequence 1, Appli
9	1024	99.5	267	3	US-08-839-765-1	Sequence 1, Appli
10	1024	99.5	267	3	US-09-136-389-1	Sequence 1, Appli
11	1024	99.5	267	4	US-09-610-838-1	Sequence 1, Appli
12	1024	99.5	267	5	PCT-US92-09487-1	Sequence 1, Appli
13	1024	99.5	290	1	US-08-378-761A-27	Sequence 27, Appl
14	1024	99.5	290	1	US-08-485-286-27	Sequence 27, Appl
15	1024	99.5	290	6	5248606-4	Patent No. 5248606
16	1014	98.5	267	1	US-08-218-303-16	Sequence 16, Appl
17	1014	98.5	267	2	US-08-338-793D-61	Sequence 61, Appl
18	1014	98.5	267	4	US-09-538-873-1	Sequence 1, Appli
19	934.5	90.8	540	1	US-08-378-761A-77	Sequence 77, Appl
20	934.5	90.8	540	1	US-08-485-286-77	Sequence 77, Appl
21	342	33.2	247	1	US-08-488-113B-6	Sequence 6, Appli
22	342	33.2	247	1	US-08-477-484B-6	Sequence 6, Appli
23	342	33.2	247	2	US-08-646-360-6	Sequence 6, Appli
24	342	33.2	247	3	US-08-839-765-6	Sequence 6, Appli
25	342	33.2	247	3	US-09-136-389-6	Sequence 6, Appli
26	342	33.2	247	4	US-09-610-838-6	Sequence 6, Appli
27	342	33.2	267	1	US-08-378-761A-74	Sequence 74, Appl
28	342	33.2	267	1	US-08-485-286-74	Sequence 74, Appl
29	342	33.2	289	1	US-07-923-692C-4	Sequence 4, Appli
30	342	33.2	289	1	US-08-184-237-4	Sequence 4, Appli
31	342	33.2	289	2	US-08-482-920-4	Sequence 4, Appli
32	342	33.2	289	3	US-08-484-341-4	Sequence 4, Appli
33	342	33.2	289	3	US-08-483-502-4	Sequence 4, Appli
34	342	33.2	289	4	US-09-726-651A-4	Sequence 4, Appli
35	341.5	33.2	282	1	US-08-324-301-15	Sequence 15, Appl
36	329.5	32.0	250	1	US-08-378-761A-71	Sequence 71, Appl
37	329.5	32.0	250	1	US-08-485-286-71	Sequence 71, Appl
38	323.5	31.4	251	4	US-09-538-873-3	Sequence 3, Appli
39	312.5	30.4	255	1	US-07-901-707-6	Sequence 6, Appli
40	312.5	30.4	255	1	US-07-988-430-6	Sequence 6, Appli
41	312.5	30.4	255	1	US-08-425-336-6	Sequence 6, Appli
42	312.5	30.4	255	5	PCT-US92-09487-6	Sequence 6, Appli
43	312	30.3	248	3	US-08-902-486-7	Sequence 7, Appli
44	312	30.3	290	1	US-08-245-754A-2	Sequence 2, Appli
45	312	30.3	290	2	US-08-597-731-2	Sequence 2, Appli

ALIGNMENTS

RESULT 1
US-08-356-786-8
; Sequence 8, Application US/08356786
; Patent No. 5877305
; GENERAL INFORMATION:
; APPLICANT: Huston, James S.
; APPLICANT: Oppermann, Hermann
; APPLICANT: Houston, L. L.
; APPLICANT: Ring, David B.
; TITLE OF INVENTION: Biosynthetic Binding Protein for Cancer
; TITLE OF INVENTION: Marker
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Edmund R. Pitcher, Testa, Hurwitz, & Thibeault
; STREET: Exchange Place, 53 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/356,786
; FILING DATE:
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/831,967
; FILING DATE: 06-FEB-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; REGISTRATION NUMBER: 27,829
; REFERENCE/DOCKET NUMBER: CRP-053
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 268 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-356-786-8

Query Match 100.0%; Score 1029; DB 2; Length 268;
Best Local Similarity 100.0%; Pred. No. 2.2e-112;
Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy        121 GGNYDRLEQLAGNLRENIELGNGPLEEAISALYYYSTGGTQLPTLARSFIICIQMISEAA 180
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Qy        181 RFQYIEGEMRTRIRYNRRSA 200
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Db        181 RFQYIEGEMRTRIRYNRRSA 200
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RESULT 2
US-08-356-786-10
 Sequence 10, Application US/08356786
 Patent No. 5877305
  GENERAL INFORMATION:
    APPLICANT:  Huston, James S.
    APPLICANT:  Oppermann, Hermann
    APPLICANT:  Houston, L. L.
    APPLICANT:  Ring, David B.
    TITLE OF INVENTION:  Biosynthetic Binding Protein for Cancer
    TITLE OF INVENTION:  Marker
    NUMBER OF SEQUENCES:  16
    CORRESPONDENCE ADDRESS:
      ADDRESSEE:  Edmund R. Pitcher, Testa, Hurwitz, & Thibeault
      STREET:  Exchange Place, 53 State Street
      CITY:  Boston
      STATE:  Massachusetts
      COUNTRY:  USA
      ZIP:  02109
    COMPUTER READABLE FORM:
      MEDIUM TYPE:  Floppy disk
      COMPUTER:  IBM PC compatible
      OPERATING SYSTEM:  PC-DOS/MS-DOS
      SOFTWARE:  PatentIn Release #1.0, Version #1.25
    CURRENT APPLICATION DATA:
      APPLICATION NUMBER:  US/08/356,786
      FILING DATE:
      CLASSIFICATION:  424
    PRIOR APPLICATION DATA:
      APPLICATION NUMBER:  07/831,967
      FILING DATE:  06-FEB-1992
    ATTORNEY/AGENT INFORMATION:
      NAME:  Pitcher, Edmund R.
      REGISTRATION NUMBER:  27,829
      REFERENCE/DOCKET NUMBER:  CRP-053
    TELECOMMUNICATION INFORMATION:
      TELEPHONE:  (617) 248-7000
      TELEFAX:  (617) 248-7100
  INFORMATION FOR SEQ ID NO:  10:
    SEQUENCE CHARACTERISTICS:
      LENGTH:  534 amino acids
      TYPE:  amino acid
      TOPOLOGY:  linear
    MOLECULE TYPE:  protein
US-08-356-786-10

  Query Match             100.0%;  Score 1029;  DB 2;  Length 534;
  Best Local Similarity   100.0%;  Pred. No. 6.1e-112;
  Matches  200;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

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Db          3 MIFPKQYPIINFTTAGATVQSYTNFIRAVRGRLTTGADVRHEIPVLPNRVGLPINQRFIL 62

Qy         61 VELSNHAELSVTLALDVTNAYVVGYRAGNSAYFFHPDNQEDAEAITHLFTDVQNRYTFAF 120
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Db         63 VELSNHAELSVTLALDVTNAYVVGYRAGNSAYFFHPDNQEDAEAITHLFTDVQNRYTFAF 122

Qy        121 GGNYDRLEQLAGNLRENIELGNGPLEEAISALYYYSTGGTQLPTLARSFIICIQMISEAA 180
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Db        123 GGNYDRLEQLAGNLRENIELGNGPLEEAISALYYYSTGGTQLPTLARSFIICIQMISEAA 182

Qy        181 RFQYIEGEMRTRIRYNRRSA 200
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Db        183 RFQYIEGEMRTRIRYNRRSA 202
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RESULT 3
US-07-901-707-1
; Sequence 1, Application US/07901707
; Patent No. 5376546
; GENERAL INFORMATION:
;   APPLICANT:  Bernhard, Susan L.
;   APPLICANT:  Better, Marc D.
;   APPLICANT:  Carroll, Steve F.
;   APPLICANT:  Lane, Julie A.
;   TITLE OF INVENTION:  Materials Comprising and Methods of
;   TITLE OF INVENTION:  Composition and Use for Ribosome-Inactivating Proteins
;   NUMBER OF SEQUENCES:  57
;   CORRESPONDENCE ADDRESS:
;     ADDRESSEE:  Marshall, O'Toole, Gerstein, Murray &
;     ADDRESSEE:  Bicknell
;     STREET:  Two First National Plaza, 20 South Clark
;     STREET:  Street
;     CITY:  Chicago
;     STATE:  Illinois
;     COUNTRY:  USA
;     ZIP:  60603
;   COMPUTER READABLE FORM:
;     MEDIUM TYPE:  Floppy disk
;     COMPUTER:  IBM PC compatible
;     OPERATING SYSTEM:  PC-DOS/MS-DOS
;     SOFTWARE:  PatentIn Release #1.0, Version #1.25
;   CURRENT APPLICATION DATA:
;     APPLICATION NUMBER:  US/07/901,707
;     FILING DATE:  19920619
;     CLASSIFICATION:  435
;   PRIOR APPLICATION DATA:
;     APPLICATION NUMBER:  US 07/787,567
;     FILING DATE:  04-NOV-1991
;   ATTORNEY/AGENT INFORMATION:
;     NAME:  No. 5376546and, Greta E.
;     REGISTRATION NUMBER:  35,302
;     REFERENCE/DOCKET NUMBER:  27129/30910
;   TELECOMMUNICATION INFORMATION:
;     TELEPHONE:  (312) 346-5750
;     TELEFAX:  (312) 984-5750
;     TELEX:  25-3856
;  INFORMATION FOR SEQ ID NO:  1:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH:  267 amino acids
;     TYPE:  AMINO ACID
;     TOPOLOGY:  linear
;   MOLECULE TYPE:  protein
US-07-901-707-1

  Query Match             99.5%;  Score 1024;  DB 1;  Length 267;
  Best Local Similarity   100.0%;  Pred. No. 8.3e-112;
  Matches  199;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          2 IFPKQYPIINFTTAGATVQSYTNFIRAVRGRLTTGADVRHEIPVLPNRVGLPINQRFILV 61
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Db          1 IFPKQYPIINFTTAGATVQSYTNFIRAVRGRLTTGADVRHEIPVLPNRVGLPINQRFILV 60

Qy         62 ELSNHAELSVTLALDVTNAYVVGYRAGNSAYFFHPDNQEDAEAITHLFTDVQNRYTFAFG 121
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Db         61 ELSNHAELSVTLALDVTNAYVVGYRAGNSAYFFHPDNQEDAEAITHLFTDVQNRYTFAFG 120

Qy        122 GNYDRLEQLAGNLRENIELGNGPLEEAISALYYYSTGGTQLPTLARSFIICIQMISEAAR 181
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